

What is claimed is:

1           1.       A dual-motor drum-type washing machine comprising:  
2           a washing motor;  
3           a washing pulley connected to the washing motor by a belt, the washing pulley  
4   having a first shaft wherein a sun gear is formed at a front end of the first shaft;  
5           a plurality of planetary gears engaging with the sun gear;  
6           a first drum connected to a second shaft extending from a center of a rotational plate  
7   ganging shafts of the planetary gears;  
8           a dewatering motor;  
9           a dewatering pulley connected to the dewatering motor by a belt, the dewatering  
10   pulley having a first connecting part penetrated by the first shaft;  
11          a cylindrical inner gear case coupled to a front end of the first connecting part, to  
12   house the sun and planetary gears, the cylindrical inner gear case having teeth formed on an  
13   inner circumferential surface;  
14          a second connecting part extending from a central portion of the inner gear case to be  
15   penetrated by the second shaft; and  
16          a second drum coupled to a front end of the second connecting part.

1           2.       The dual-motor drum-type washing machine as claimed in claim 1, wherein  
2   the first drum is installed within the second drum.

1           3.       The dual-motor drum-type washing machine as claimed in one of claims 1  
2   and 2, wherein the washing motor is an induction motor enabling forward and reverse rotation.

- 1           4.       The dual-motor drum-type washing machine as claimed in one of claims 1  
2       and 2, wherein the dewatering motor is an induction motor enabling unidirectional rotation.